Message from Paul Jablonski, CEO

I have been in transit my entire working life. I started as a bus driver in Massachusetts and now I am the CEO of one of the best transit systems in North America. Without a doubt, transit is a fantastic career choice. For people who want to work hard in an exciting environment, it provides exceptional growth and advancement opportunities. At the same time, it provides great benefits for you and your family. I invite you to check **www.sdmts.com** often and apply for a career with MTS. You never know where a job in transit will lead you!

Resumes and applications can be submitted:

U.S. Mail

MTS Human Resources Department
1255 Imperial Avenue, Suite 1000
San Diego, CA 92101

Fax

619-234-1047

Email

jobs@sdmts.com

Job Announcement

Technical Services Engineer – Light Rail Vehicles (LRV)

As the largest provider of public transportation in San Diego County, and 2009 winner of the American Public Transportation Association's award for Most Outstanding Public Transit System, the Metropolitan Transit System (MTS) is committed to providing exceptional service to the people of the San Diego region.

Every year more than 85 million people ride MTS buses and Trolleys. We have more than 80 fixed-route bus lines and 54 miles of Trolley service. Our fleet of compressed natural gas buses and electric Trolleys allow MTS to be one of the greenest companies in San Diego. As our region continues to grow, there will be a greater dependence on public transportation to help achieve mobility goals. The long-range transit plan for the region envisions several new trolley lines and Bus Rapid Transit lines, some of which will come on line in the next two years. And plans are progressing to expand the Trolley 11 miles from Old Town to UCSD and University Town Center. MTS is one of the most modern and dynamic public transportation systems in North America and we would love for you to help us achieve our goals!

Summary

The Technical Services Engineer – Light Rail Vehicles is responsible for the management of all IT based systems and shop activities. The Technical Services Engineer will assist in planning, coordinating, managing, updating, configuring and directing maintenance of software applications, computer hardware and systems onboard LRVs as well as shop equipment within the LRV Maintenance facility. The Technical Services Engineer will assist with technical training, troubleshooting and providing system administration services for all vehicle-mounted communications and information technology (IT) systems.

Example of Duties

Essential Functions

- Coordinates LRV software system configuration updates as needed to meet transit system needs, both present and future
- Arranges for the acquisition of necessary IT related tools and other required equipment necessary to support an effective maintenance program
- Participates in the inspection, testing and acceptance of IT based equipment installed on LRVs or within the LRV maintenance facility
- Interacts with equipment manufacturers to acquire updates and configuration information necessary for maintenance of LRV-mounted equipment including propulsion, braking, operator display, door, communication and passenger information systems
- Functions as system administrator for all LRV communications and IT related systems and Personal Troubleshooting Units (PTU) including, but not limited to radio communications; train-to-wayside communications and automated passenger systems, including GPS configuration and interface of on board systems with wireless access points throughout the MTS system
- Documents all approved technology upgrades, adjustments or changes to LRVs
- Organizes and stores technical documentation for the maintenance training program, fleet improvement programs and technical support
- Assists the technical training program
- Participates in the technical analysis of new equipment and techniques
- Analyzes repair/maintenance programs and renders problem solving assistance
- Performs special engineering projects as assigned
- Responsible for ensuring that maintenance tasks meet applicable regulatory and MTS Rail standards with special consideration being given to the safety of patrons and employees

Duties may include, but are not limited to, the following:

- Conducts investigations into causes of equipment failures and recommends corrective action in conjunction with operating and administrative personnel
- Supervises the completion of IT-related repairs, upgrades and basic troubleshooting
- Gathers and reports technical information, analyzes performance issues and recommends solutions to the LRV Maintenance Department
- Assists in the preparation of annual long range forecast of equipment needs
- Serves as technical advisor on procurement review panels of agency communications and technical projects

The San Diego Metropolitan Transit System is an Equal Opportunity Employer. Women and minorities are encouraged to apply.

Qualifications

Knowledge, Skills and Abilities

Must have a thorough understanding and knowledge of:

- Computer software and hardware configuration methodologies including loading software and firmware onto solid-state discrete components
- LAN, WAP and Wireless LAN (Wi-Fi) computer networks and the characteristics of their respective technologies, protocols and architectures as applied to LRVs
- GPS-based system integration

Knowledge of, or ability to learn and apply, MTS Rail and regulatory policies, procedures, rules and instructions for employees, organization, administration, operations and maintenance practices. Knowledge of union labor contracts; ability to coordinate and initiate actions necessary to implement decisions and delegate responsibilities to appropriate personnel; extensive latitude for independent judgment and action; establish and maintain priorities in order to complete assignments by deadlines without detailed instructions; verify accuracy and completeness of forms and reports; write letters, memoranda, and reports using clear, concise and grammatically correct English; and speak clearly and effectively in person-to-person or small group situations using tact and diplomacy. Knowledge of Microsoft Word and Excel and the ability to learn and use other software, as needed.

Physical Requirements

The successful candidate must be able to fulfill the physical demands of the job such as walking, stooping, sitting, bending, reaching for overhead files, and occasional lifting (up to 50 pounds). Must be able to operate motor vehicles and to perform tasks involving manual dexterity including use of a computer. Work may require more than 8 hours per day or irregular hours to perform the essential duties of the position. Duties will be performed in an office environment and shop floor. May require travel to external agencies.

Experience/Education/Certificates/License(s)

- Associate's degree in a technical field, preferably computer information technology or similar
- Experience operating computer-based test equipment and instruments
- Possess and maintain a valid Class C California driver's license

General

Must satisfactorily pass all applicable examinations which may include but not be limited to: pre-employment physical, drug testing, background, and a test of technical computer-based troubleshooting skills.

Salary

$61,093 - $94,693

MTS employees during the filming of a recent commercial.

DISCLAIMER: *The above described job elements are intended to indicate the general nature and levels of work being performed by employees assigned to the job. They are not intended to be an exhaustive list of duties, responsibilities and skills required of employees so classified. Management retains the discretion to add to or change the duties of the position at any time.*